

Appln No. 10/760,245
Amdt. Dated January 12, 2006
Response to Office Action of November 15, 2005

4

REMARKS/ARGUMENTS

In response to the Examiner's first Office Action of November 15, 2005 the Applicant respectfully submits the accompanying Amendment to the claims and the below Remarks directed thereto.

Regarding Amendment

In the Amendment:

independent claim 1 is amended to specify that the printer cartridge comprises a connection interface for connection to a controller of the inkjet printer which is configured to receive control signals from the controller for causing, when the refill port is mated with the refill cartridge, refilling of at least one of the storage reservoirs, and when the refill port is not mated with the refill cartridge, the printhead to print the printing fluid.;

independent claim 3 is amended to specify that the printer cartridge comprises a printhead and that the system comprises a controller for causing, when the refill cartridge is mated with the refill port, refilling of the corresponding storage reservoir, and when the refill cartridge is not mated with the refill port, the printhead to print the printing fluid. Support for these amendments to claims 1 and 3 can be found, for example, at page 6, lines 1-17, page 7, line 27-page 8, line 3, page 12, lines 3-16 and 26-28 and page 25, line 28-page 29, line 5 of the present specification;

dependent claim 4 is cancelled and the dependency of claim 5 is amended accordingly; and

dependent claim 2 is unchanged.

It is respectfully submitted that the above amendments do not add new matter to the present application.

Regarding Obviousness-Type Double Patenting Rejections

It is respectfully submitted that amended independent claim 1, and claim 2 dependent therefrom, is patentably distinct from claims 1-4 of copending Application No. 10/760,249.

This is because claims 1-4 of the '249 application do not include or suggest a printer cartridge having a connection interface or an inkjet printer having a controller as claimed in amended independent claim 1.

Appln No. 10/760,245
Amdt. Dated January 12, 2006
Response to Office Action of November 15, 2005

5

Regarding 35 USC 102(b) Rejections

Regarding Petersen et al. (USP 6,488,368)

It is respectfully submitted that the subject matter of amended independent claims 1 and 3 is not disclosed by Petersen, for at least the following reasons.

In the present invention, the printer cartridge 6 has a power and data interface 58 for connection to controller board 82 of the cradle 4, where the printer cartridge and cradle together form an inkjet printer. The controller board controls the printing performed by print head chip 52 of the print cartridge and refilling of the ink storage reservoirs 28-34 of the print cartridge from refill cartridge via ink refill port 8 of the print cartridge.

As the refill cartridge is only mated with the refill port during a refill operation of the present invention, operation of the print head chip is ceased during refill and is again activated once the refill cartridge is removed (see page 6, lines 1-17, page 7, line 27-page 8, line 3, page 12, lines 3-16 and 26-28 and page 25, line 28-page 29, line 5 of the present specification). These features of the present invention are recited in amended independent claim 1 (and claim 3).

On the other hand, Petersen discloses a printing system 10 in which replaceable ink containers 12 are installed into a receiving station 14 to supply ink to inkjet printheads 16 so that the printheads may print the ink onto print media 22, such that printing is only performable by the system of Petersen when the ink containers are connected to the printheads via the receiving station (see col. 3, lines 25-59 of Petersen).

Thus, the ink containers of Petersen do not constitute a refill cartridge in the context of the claimed invention, as the Examiner contends, but rather an ink supply. Further, the disclosure of Petersen does not suggest using the ink containers as a refill cartridge in the manner recited in amended independent claim 1.

Thus, the subject matter of amended independent claims 1 and 3, and claims 2 and 5 dependent therefrom, is not disclosed, or suggested, by Petersen.

Regarding Silverbrook et al. (USP 6,347,864)

Appln No. 10/760,245
Amdt. Dated January 12, 2006
Response to Office Action of November 15, 2005

6

It is respectfully submitted that the subject matter of amended independent claims 1 and 3, and claims 2 and 5 dependent therefrom, is not disclosed by Silverbrook, for at least the following reasons.

As discussed above, independent claims 1 and 3 have been amended to clarify that in the claimed invention operation of the print head chip is ceased during refill and is activated once the refill cartridge is removed.

On the other hand, Silverbrook discloses a print engine 500 in which a print roll cartridge 504 is mounted to print engine assembly 502. The print roll cartridge contains a supply of print media 542 as well as ink supply channels 514 for supply to a printhead 516 of the print engine assembly via a sub-assembly 506, such that printing is only performable by the print engine of Silverbrook when the print roll cartridge is connected to the printhead via the sub-assembly (see col. 2, line 25-col. 4, line 37 of Silverbrook).

Thus, similar to Petersen discussed above, the ink supply channels of the print roll cartridge of Silverbrook do not constitute a refill cartridge in the context of the claimed invention, as the Examiner contends, but rather an ink supply. Further, the disclosure of Silverbrook does not suggest using the print roll cartridge as a refill cartridge in the manner recited in amended independent claim 1.

Thus, the subject matter of amended independent claims 1 and 3, and claims 2 and 5 dependent therefrom, is not disclosed, or suggested, by Silverbrook.

It is respectfully submitted that the Examiner's rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

Applicant:



KIA SILVERBROOK

Appln No. 10/760,245
Amdt. Dated January 12, 2006
Response to Office Action of November 15, 2005

7

C/o: Silverbrook Research Pty Ltd
393 Darling Street
Balmain NSW 2041, Australia

Email: kia.silverbrook@silverbrookresearch.com

Telephone: +612 9818 6633

Facsimile: +61 2 9555 7762